This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (currently amended) A method for automatically performing digital signal processing (DSP) processing on media entities comprising the steps of:

identifying media entity data including identifying a plurality of raw media entities in a database for DSP processing;

processing said identified media entity data in a computing environment having at least one computer server to create DSP processed media entity data, the processing comprising determining activity within a frequency range;

classifying said DSP processed data based, at least in part, on the activity within the frequency range; and

aggregating said DSP processed data for storage in a persistent data store.

2.   (original) An automated DSP processing process in accordance with the method of claim 1 wherein said identifying step comprises the steps of:

communicating with at least one data store having DSP unprocessed media entity data;

generating data identifying information about said unprocessed media entity data; and

communicating said generated data identifying information for use in DSP processing.

3.   (original) An automated DSP processing process in accordance with the method of claim 1 wherein said processing step comprises the steps of:

receiving DSP unprocessed media entity data;

segmenting said DSP unprocessed media entity data for processing; and

spawning at least one DSP process performing DSP functions and operations on said DSP unprocessed media entity data to produce DSP processed data.

4.   (original) An automated processing process in accordance with the method of claim 3 further comprising the step of copying data from a media entity data store having DSP

unprocessed media entity data to at least one portion of a computing environment performing DSP processing.

5.   (original) An automated DSP processing process in accordance with the method of claim 4 further comprising the step of converting said unprocessed media entity data into a format consistent with DSP processing.

6.   (original) An automated processing process in accordance with the method of claim 5 further comprising the step of deleting the originally copied data once said converting is completed.

7.   (original) An automated DSP processing process in accordance with the method of claim 3 further comprising the step of collecting said DSP processing data for storage in a persistent DSP processed media entity data store.

8.   (original) An automated DSP processing process in accordance with claim 1, wherein said aggregating step comprises the steps of:
         collecting data for all DSP processed media entities;
         sorting said collected data to create an aggregated DSP processed data set representative of the original data, said sorting employing at least one weighting and/or averaging algorithm to realize sorting;
         storing said created aggregated DSP processed media entity data set in a persistent data store.

9.   (original) A computer readable medium bearing computer executable instructions for carrying out the method of claim 1.

10.   (original) A modulated data signal carrying computer executable instructions for carrying out the method of claim 1.

11.   (original) A computing device comprising means for carrying out each of the steps of the method of claim 1.

12.   (currently amended) A system providing automated DSP processing of media entities in a computing environment comprising:

a media entity identification system that operates on at least one cooperating data store having DSP unprocessed media entities to identify DSP unprocessed media entities;

a DSP processing system receiving said DSP unprocessed media entities and performing DSP ~~operations and/or function~~ processing on said DSP unprocessed media entities to generated DSP processed media entities, the DSP processing comprising determining activity within a frequency range, the DSP processing system further classifying said DSP processed media entities based, at least in part, on the activity within the frequency range; and

an aggregation system for aggregating DSP processed media entities into data sets representative of original DSP unprocessed media entity data sets for storage in a persistent data store having aggregated DSP processed media entities.

13.   (original) The system recited in claim 12, wherein said computing environment comprises a distributed computing environment having at least two computer servers capable of executing distributed automated DSP processing processes.

14.   (original) The system recited in claim 12, wherein said identification system generates identification information about DSP unprocessed media entities for communication to said DSP processing system.

15.   (original) The system recited in claim 14, wherein said DSP processing system employs said generated identification information to retrieve DSP unprocessed media entity data from said cooperating data store having said DSP unprocessed media entity data.

16.   (original) The system recited in claim 13, wherein said DSP processing system spawns at least one DSP process on one of said at least two computer servers to process said DSP unprocessed media entity data, said DSP process converting said DSP unprocessed media entity data to a data format consistent with DSP processing.

17.   (original) The system as recited in claim 12, further comprising a communication means for communicating said DSP unprocessed media entity data from said DSP unprocessed media entity data store.

18.   (original) The system as recited in claim 12, wherein said aggregation system comprises at least one weighting and/or averaging algorithm for use when aggregating said DSP processed media entities.

19.   (currently amended) A method for automating DSP processing in a music matching and analysis system comprising the steps of:

providing a computing environment capable of executing at least one DSP process, said DSP process identifying DSP unprocessed media entities and performing DSP ~~functions and operations~~ processing on said identified DSP unprocessed media entities to generate DSP processed media entities, the DSP processing comprising determining activity within a frequency range, said DSP process further classifying said DSP processed media entities based, at least in part, on the activity within the frequency range, wherein said computing environment is a distributed computing environment capable of running at least two parallel DSP processes;

providing a data store having at least one unprocessed media entity; and

providing a persistent data store capable of storing DSP processed media entities.

20.   (original) The method as recited in claim 19, further comprising the step of providing at least one communications means to communicate DSP processed media entities to participating users.